

IN THE CLAIMS

Please cancel Claims 16 and 17 without prejudice and without disclaimer of subject matter.

Please amend Claims 14, 19, and 20, and add new Claims 40-45, to read as follows:

C1
14. (Amended) An electron-emitting device comprising:
A) a cathode electrode and a gate electrode arranged at an interval on a surface of a first substrate; and
B1
B) a fiber containing carbon as a main ingredient, arranged on said cathode electrode and connected electrically to said cathode electrode,
wherein said fiber containing carbon as a main ingredient has a plurality of graphenes layered so as not to be parallel to an axis direction of said fiber.

16. (Canceled)

17. (Canceled)

C1
19. (Amended) A light-emitting apparatus comprising an electron-emitting device according to any one of claims 14, 15, or 18, and a light-emitting member.
B2

20. (Amended) An image display apparatus comprising a plurality of electron-emitting devices and a light emitting member capable of emitting light when irradiated with electrons emitting from some of said plurality of electron-emitting devices,

C1

B2
cont.

wherein each of said plurality of electron-emitting devices is constituted by the electron-emitting device according to any one of claims 14, 15, or 18.

C1

--40. (New) A light-emitting apparatus according to claim 19, wherein said light-emitting member comprises a phosphor and an anode electrode, and is arranged on a second substrate arranged separately from said first substrate.

B3

41. (New) An image display apparatus according to claim 20, wherein said light-emitting member comprises a phosphor and an anode electrode, and is arranged on a second substrate arranged separately from said first substrate.

42. (New) A light-emitting apparatus according to claim 38, wherein said light-emitting member comprises a phosphor and an anode electrode, and is arranged on an additional substrate arranged separately from said substrate.

43. (New) An image display apparatus according to claim 39, wherein said light-emitting member comprises a phosphor and an anode electrode, and is arranged on an additional substrate arranged separately from said substrate.

44.

(New) An image display apparatus, comprising:
A) an electron-emitting device arranged on a first substrate, and comprising a cathode electrode and a gate electrode; and

C
B3
cm.

B) a phosphor and an anode electrode arranged on a second substrate,
wherein said electron-emitting device comprises a fiber containing carbon as
a main ingredient electrically connected to said cathode electrode, and said fiber containing
carbon as a main ingredient has a plurality of graphenes layered so as not to be parallel to an
axis direction of said fiber.

45. (New) A triode type electron-emitting apparatus, comprising:
A) an electron-emitting device arranged on a first substrate, and comprising
a cathode electrode and a gate electrode; and
B) an anode electrode arranged on a second substrate,
wherein said electron-emitting device comprises a fiber containing carbon as
a main ingredient electrically connected to said cathode electrode, and said fiber containing
carbon as a main ingredient has a plurality of graphenes layered so as not to be parallel to an
axis direction of said fiber.--

REMARKS

A Request For Continued Examination is filed herewith, by the due date for
paying the issue fee, set forth in the Notice of Allowance dated September 26, 2002.

Claims 1-15 and 18-45 are now pending in this application. Claims 16 and
17 have been canceled.

Claims 14, 19, and 20 have been amended.